

L# ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
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TI Molded products containing inclusion compounds of bactericides
IN Nagai, Hisao; Yoshihara, Takashi; Irie, Hidetaka
PA Nippon Soda Co, Japan
PA Nippon Soda Co, Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08053304	A2	19960227	JP 1995-141391	19950517
PRAI	JP 1995-141391	A	19950517		
	JP 1994-128288	A	19940518		
	JP 1994-147147		19940606		

AB The molded products, useful as slimicides for water systems, contain .gtoreq.1 inclusion compds. composed of bactericides and multimol. host compds. and optional .gtoreq.1 bactericides as active ingredients. The bactericides of the inclusion compds. may be 5-chloro-2-methyl-4-isothiazolin-3-one (I). The host compds. may tetra-Ph compds. II [n = 0-3; R1-8 = H, lower alkyl, halo, lower alkoxy, (un)substituted phenyl] or other 23 claimed compds. The molded products sustainedly release bactericides and show good handling property and transportability. A inclusion compd. of I and (4-OHOC6H4)2CHCH(C6H4OH-4)2 was compression-molded into cylindrical product. Accumulative amts. of I dissolved from the molded product into 1 L H2O under stirring at 25.degree. after 1, 6, and 14 days were 129, 280, and 344 mg/mL, resp., while a control unmolded powder completely dissolved within 2 days.

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 08053304	ICM	A01N025-12
	ICS	A01N025-22
	IPCI	A01N0025-12 [ICM,6]; A01N0025-22 [ICS,6]

DT Patent
LA Japanese
ST molded bactericide inclusion compd slimicide
IT Algicides
Bactericides, Disinfectants, and Antiseptics
(molded products of inclusion compds. of bactericides with host compds. for slime control of water systems)
IT Inclusion compounds
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(molded products of inclusion compds. of bactericides with host compds. for slime control of water systems)
IT Agrochemical formulations
(molded; molded products of inclusion compds. of bactericides with host compds. for slime control of water systems)
IT Water purification
(slime control, molded products of inclusion compds. of bactericides with host compds. for slime control of water systems)
IT 80-09-1, 4,4'-Sulfonylbisphenol 81-25-4, Cholic acid 83-44-3, Deoxycholic acid 85-60-9, 4,4'-Butylidenebis(3-methyl-6-tert-butylphenol) 88-58-4, 2,5-Di-tert-butylhydroquinone 97-23-4, 2,2'-Methylenebis(4-chlorophenol) 97-24-5 119-47-1, 2,2'-Methylenebis(4-methyl-6-tert-butylphenol) 280-57-9, 1,4-Diazabicyclo[2.2.2]octane 464-72-2, 1,1,2,2-Tetraphenylethane-1,2-diol 602-09-5,

[1,1'-Binaphthalene]-2,2'-diol 843-55-0,
 1,1-Bis(4-hydroxyphenyl)cyclohexane 1483-74-5, 2-Butyne-1,4-diol,
 1,1,4,4-Tetraphenyl- 1948-33-0, tert-Butylhydroquinone 5465-46-3
 6318-17-8 18076-62-5 20583-04-4,
 1,1,6,6-Tetraphenyl-2,4-hexadiyne-1,6-diol 96158-84-8,
 Hexa-2,4-diyne-1,6-diol, 1,6-Bis(2-chlorophenyl)-1,6-diphenyl-
 101855-69-0 101855-72-5, 1,1-Bis(2,4-dimethylphenyl)-2-propyn-1-ol
 110926-83-5 113096-95-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(host; molded products of inclusion compds. of bactericides with host
 compds. for slime control of water systems)

IT 26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, inclusion compds.
 176311-41-4

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(molded products of inclusion compds. of bactericides with host compds.
 for slime control of water systems)

